



JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LABOR & ECONOMIC GROWTH  
LANSING

KEITH W. COOLEY  
DIRECTOR

**CONSTRUCTION CODE COMMISSION  
BUREAU OF CONSTRUCTION CODES**

Conference Room 3, First Floor  
2501 Woodlake Circle  
Okemos, Michigan 48864

**AGENDA**

July 9, 2008  
9:30 a.m.

1. Call to Order and Determination of Quorum
2. Approval of Agenda (Pages 1-2)
3. Approval of Minutes – May 7, 2008 (Pages 10-16)
4. Director's Report H. Green
5. Applications for Approval to Administer and Enforce (Pages 17-19) S. Fisher
  - a) With Proposed Ordinance - Document 08-43a
  - b) With Certified Ordinance - Document 08-43b
6. Applications for Program Approval - Document 08-44 S. Fisher  
(Pages 20-24)
7. Applications for Instructor Approval – Document 08-45 S. Fisher  
(Pages 25-27)
8. Applications for Inspector Registration - Documents 08-46a-d S. Fisher  
(Pages 28-32)
9. Inspector Registration Appeal S. Fisher
  - a) Timothy P. Israel – Document 08-51

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**Agenda - Construction Code Commission – July 9, 2008**  
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10. Product Approvals - Plumbing (Pages 33-48) R. Konyndyk
  - a) Liberty Pumps, SUMP JET Approval Petition  
Document 08-47
  - b) Advanced Drainage Approval Request for ADS N-12 WT IB  
Document 08-48
  - c) Hill-Rom Patient Care Module, Models 520 and 300 Floor Mount Units  
Document 08-49
  - d) Product Approval Request for Kohler Co., Personal Hygiene Toilet Seats  
Document 08-50
11. Request for Formal Interpretation – Document 08-57 (Pages 49-51) R. Konyndyk
12. Public Comment
13. Old Business
14. New Business
15. Schedule for 2008 – September 10<sup>th</sup>, November 5th
16. Adjournment

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call Holly Velez at (517) 241-9302 at least 10 work days before the event.



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**BUREAU OF CONSTRUCTION CODES**  
Conference Room 3, First Floor  
2501 Woodlake Circle  
Okemos, Michigan 48864

**MINUTES**  
March 5, 2008  
9:30 a.m.

**MEMBERS PRESENT**

Mr. Duane Branch  
Mr. Robert DeBerardino  
Mr. William Donovan  
Mr. Jack Edington  
Ms. Dawn Holtrop  
Mr. Robert Jagenberg  
Mr. Kenneth Lawless  
Mr. Nelson McMath  
Mr. Sean O'Neil  
Mr. Don Pratt  
Mr. Edwin Tatem

**MEMBERS ABSENT**

Ms. Kelly Hunt  
Mr. Clifton Lewis  
Mr. Amru Meah  
Ms. Beth Yorke

**DEPARTMENT OF LABOR & ECONOMIC GROWTH PERSONNEL ATTENDING**

Mr. Henry L. Green, Director  
Mr. Mark Sisco, Deputy Director  
Mrs. Holly Velez, Secretary to Mr. Green  
Mrs. Beth Aben, Director, Office of Administrative Services  
Mr. David Viges, Director, Office of Management Services  
Mr. Larry Lehman, Chief, Building Division  
Mr. Charles Curtis, Assistant Chief, Building Division  
Mr. Todd Cordill, Assistant Chief, Plan Review  
Mr. Daniel O'Donnell, Chief, Electrical Division  
Mr. Tennison Barry, Chief, Mechanical Division  
Mr. Dave Adams, Assistant Chief, Mechanical Division  
Mr. Robert Konyndyk, Chief, Plumbing Division

**OTHERS IN ATTENDANCE**

Don Welch, Bureau of Fire Services Representative  
Lynn Briggs, Contractors Legislative Services

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Bert Gale, AGS  
Lee Schwartz, Michigan Association of Home Builders  
Martin Vanberlo, Emmet County  
Chuck Partyka, Emmet County  
George & Margaret Paeth

1. **CALL TO ORDER AND DETERMINATION OF QUORUM**

Chairperson Pratt called the meeting to order at approximately 9:35 a.m. A quorum was determined present at that time.

2. **APPROVAL OF AGENDA**

The agenda was amended to correct a product model number from 2800 to 3800 in Item 12.

A **MOTION** was made by Commissioner O'Neil and supported by Commissioner Branch to approve the agenda as amended. **MOTION CARRIED.**

3. **APPROVAL OF MINUTES**

Commissioner O'Neil noted in Item 18 the November meeting date should be corrected from the 7<sup>th</sup> to the 5<sup>th</sup>. Mr. Don Welch requested that the minutes reflect that the designee from the State Fire Marshal's office was present at the last meeting. A **MOTION** was made by Commissioner Branch and supported by Commissioner Lawless to approve the amended minutes of the January 9, 2008 meeting. **MOTION CARRIED.**

4. **DIRECTOR'S REPORT**

Chairman Pratt announced that Henry was among seven individuals selected by the American Institute of Architects to receive an Honorary Affiliate Award. Chairman Pratt read the article from the Bulletin's Winter 2008 edition. Henry thanked the Commission for their acknowledgement of his Honorary AIA title.

New Electrical Division Chief

Mr. Green announced that Dan O'Donnell was promoted to Chief of the Electrical Division effective January 27, 2008. We are proud to have you on our team. Congratulations on your promotion!

Deputy Director Retirement

Mr. Green announced that Mark Sisco has announced his retirement effective May 1, 2008. He went on to share what a wonderful job Mark has done as the Deputy Director during the many years he has been with the bureau. Mr. Green asked Mark to share a few

words with the Commission. Mr. Sisco shared what a great career he has had working with the bureau, Henry and the Commission. We wish you well in your retirement Mark!

#### Clark Construction – Safety Milestones

Clark Construction logged 2 Million Hours as of January 31, 2008 and from December 21, 2001-2007 7 years with no lost time injuries. Congratulations to Clark Construction for keeping their jobsites safe and providing for Michigan's safety in the built environment!

#### Almont Township Update

Mr. Green announced that a Settlement Agreement has been reached with the township. There are a number of actions that need to be carried out to close this file. The bureau will be following up with the township to assure that the requirements are met and carried out. The bureau will provide periodic reports to the Commission regarding the progress.

#### Leelanau County Update

Mr. Green announced that the bureau is in the process of drafting a Settlement Agreement. The bureau met with county representatives on February 26, 2008. Mark Sisco is working towards putting together a package for the Settlement Agreement. The bureau will provide periodic reports to the Commission regarding the progress.

#### Rule Update

The building, residential and rehabilitation rules have been at JCAR since January 31, 2008. Staff is working with ICC to publish the Michigan Code books. We are anticipating an August 1, 2008 effective date.

#### Energy Code

Letters were sent out on March 4<sup>th</sup> soliciting representatives for the Ad Hoc Committee. A very specific plan has been submitted on how the code will be developed and what actions the committee will take. Responses for the representatives are due by March 17<sup>th</sup> and it is anticipated that the meetings will begin taking place towards the end of April first of May.

#### Forbes Ad Hoc Committee

The committee met on February 29, 2008. It is believed that a good package has been developed with only 1 issue to be addressed regarding inspectors. This will align the Mechanical Contractor law with the Plumbing and Electrical Laws. It will provide for registration of Apprentices and licensure of Journeypersons and Contractors, which requires on-going education and training much like the Plumbing and Electrical Laws.

#### ICC Code Hearings

The code hearings concluded on March 1, 2008, for the preparation of the 2009 codes. The bureau was represented by Tennison Barry, Irvin Poke, Larry Lehman, and Robert

Konyndyk. Henry Green also attended as a Moderator for the hearings. The Final Action Hearings will take place in Minneapolis this fall.

5. **REPORT OF ASSISTANCE TO LOCAL ENFORCING AGENCIES**  
**Document 08-15**

Mr. Mark Sisco presented, for information only, a list of municipalities for which the bureau is providing assistance.

6. **REPORT OF RESCINDING ORDINANCE** – **Document 08-20**

Mr. Mark Sisco presented a certified ordinance from Bridgeton Township/Newaygo County rescinding their building ordinance and transferring the authority to the County of Newaygo. It is the recommendation of staff that this ordinance be approved.

A **MOTION** was made by Commissioner Edington and supported by Commissioner Donovan to approve the ordinance. **MOTION CARRIED.**

7. **APPLICATION FOR APPROVAL TO ADMINISTER AND ENFORCE**

a) **With Certified Ordinance – Document 08-16**

Mr. Mark Sisco presented an application for approval to administer and enforce and certified ordinance from: Raisin Township/Lenawee County (Michigan Plumbing Code) and City of New Buffalo/Berrien County (Michigan Plumbing Code).

A **MOTION** was made by Commissioner Lawless and supported by Commissioner O'Neil to accept the recommendation of staff to approve the application and certified ordinance for approval to administer and enforce the above code. **MOTION CARRIED.**

8. **PERFORMANCE EVALUATION REPORT**

a) **Union Township/Isabella County - Document 08-23**

Mr. Mark Sisco presented a performance evaluation summary of Union Township/Isabella County. It is the recommendation of staff to accept the report with the recommendations as outlined.

A **MOTION** was made by Commissioner McMath and supported by Commissioner Holtrop to accept the recommendations of staff. **MOTION CARRIED.**

9. **APPLICATIONS FOR PROGRAM APPROVAL – Document 08-17**

Mr. Mark Sisco presented a list of continuing education program applications for approval. The programs were reviewed and found to be in compliance with the registration rules and it is the recommendation of staff that the programs be approved.

A **MOTION** was made by Commissioner Edington and supported by Commissioner DeBerardino to approve the applications as submitted. **MOTION CARRIED.**

10. **APPLICATIONS FOR CONTINUING EDUCATION INSTRUCTOR APPROVAL Document 08-18**

Mr. Mark Sisco presented a list of continuing education instructor applications for approval. Each has documented training and education in compliance with the registration rules, and it is the recommendation of staff that the instructors be approved.

A **MOTION** was made by Commissioner Donovan and supported by Commissioner McMath to approve the applications as submitted. **MOTION CARRIED.**

11. **APPLICATIONS FOR REGISTRATION OF CODE OFFICIALS Document 08-19a-e**

Mr. Mark Sisco presented a list of applications for registration as building officials, building inspectors, plan reviewers, electrical inspectors, and mechanical inspectors. It is the recommendation of staff that the individuals listed be approved.

A **MOTION** was made by Commissioner DeBerardino and supported by Commissioner Branch to approve the applications. **MOTION CARRIED.**

12. **INSPECTOR REGISTRATION APPEAL**

a) **Charles T. Partyka – Document 08-21**

Mr. Mark Sisco presented information regarding Mr. Partyka's appeal of the denial of his request for registration as a building inspector.

Following comments by Mr. Partyka and Martin VanBerlo, Emmet County Building Official and discussion by the Commission, a **MOTION** was made by Commissioner Donovan and supported by Commissioner McMath to accept the recommendation of staff to deny Mr. Partyka's request for provisional registration as a building inspector. **MOTION CARRIED.**

**13. PETITION FOR APPROVAL OF MATERIALS, PRODUCTS & METHODS (PLUMBING)**

Mr. Robert Konyndyk presented the following product for installation and use in the State of Michigan. It is the recommendation of staff that the following product be approved:

- a) **Invacare Access 3600XL, 3750, 3600, 3650, and 3800 Hydromassage Bathtubs - Document 08-24**

A **MOTION** was made by Commissioner Branch and supported by Commissioner McMath to approve this product for installation and use in the State of Michigan subject to the conditions of use and installation. **MOTION CARRIED.**

Mr. Green interjected some information in reference to plumbing approvals and the major discussion regarding cast iron pipe that was before the Commission last fall. The Cast Iron Soil Pipe Institute (CISPI) has invited representatives from the Plumbing Board and staff to come to a manufacturing facility to see how cast iron pipe is made in the United States. This should add vastly to the education of both staff as well as the Plumbing Board who use the product daily. This is a good opportunity for the Plumbing Board as well as staff to become fully acquainted with this product.

**14. PETITION FOR APPROVAL OF MATERIALS, PRODUCTS & METHODS (Mechanical)**

Mr. Tennison Barry presented the following product for installation and use in the State of Michigan. It is the recommendation of staff that the following product be approved:

- a) **Tyco Fire & Building Products Grooved Couplings and Fittings  
Document 08-22**

A **MOTION** was made by Commissioner Jagenberg and supported by Commissioner Tatem to approve this product for installation and use in the State of Michigan subject to the conditions of use and installation. **MOTION CARRIED.**

**15. CERTIFICATE OF ACCEPTABILITY**

Mr. Todd Cordill presented the following manufacturer for a Certificate of Acceptability in the State of Michigan. It is the recommendation of staff that the following manufacturer be issued a Certificate of Acceptability:

**Document 08-26 – Modular Buildings of Monroe - CA-515**



A **MOTION** was made by Commissioner Edington and supported by Commissioner Lawless to issue the Certificate of Acceptability as noted on Document 08-26. **MOTION CARRIED.**

16. **REQUEST FOR FORMAL INTERPRETATION – Document 08-25**

Mr. Todd Cordill presented a Formal Interpretation of the Michigan Building, Residential and Rehabilitation Codes Sections 102.6, R102.7 and 101.4 respectively as requested by The Michigan Association of Home Builders. It is the recommendation of staff to accept and issue this interpretation.

Following discussion by the Commission, a **MOTION** was made by Commissioner O'Neil and supported by Commissioner McMath to accept staff's recommendation to accept and issue the interpretation as noted on Document 08-25. **MOTION CARRIED.**

17. **PUBLIC COMMENT**

None.

18. **OLD BUSINESS**

None.

19. **NEW BUSINESS**

- a) **Commission Correspondence from Tim Israel**
- b) **Commission Correspondence from Richard Nash & Associates**

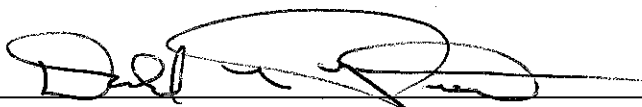
The Commission acknowledges receipt of both pieces of correspondence.

20. **2008 MEETING SCHEDULE** – May 7<sup>th</sup>, July 9<sup>th</sup>, September 10<sup>th</sup>, November 5<sup>th</sup>

21. **ADJOURNMENT**

A **MOTION** was made by Commissioner Donovan and supported by Commissioner Tatem to adjourn the meeting at approximately 10:58 a.m. **MOTION CARRIED.**

APPROVED:

  
Chairman, Construction Code Commission

5/7/08  
Date



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STATE OF MICHIGAN  
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**BUREAU OF CONSTRUCTION CODES**  
Conference Room 3, First Floor  
2501 Woodlake Circle  
Okemos, Michigan 48864

**MINUTES**  
May 7, 2008  
9:30 a.m.

**MEMBERS PRESENT**

Mr. Robert DeBerardino  
Mr. Jack Edington  
Ms. Dawn Holtrop  
Ms. Kelly Hunt  
Mr. Robert Jagenberg  
Mr. Kenneth Lawless  
Mr. Clifton Lewis  
Mr. Sean O'Neil  
Mr. Don Pratt  
Mr. Edwin Tatem  
Ms. Beth Yorke

**MEMBERS ABSENT**

Mr. Duane Branch  
Mr. William Donovan  
Mr. Nelson McMath  
Mr. Amru Meah

**DEPARTMENT OF LABOR & ECONOMIC GROWTH PERSONNEL ATTENDING**

Mr. Henry L. Green, Director  
Mrs. Holly Velez, Secretary to Mr. Green  
Mr. David Vigas, Director, Office of Management Services  
Mr. Larry Lehman, Chief, Building Division  
Mr. Charles Curtis, Assistant Chief, Building Division  
Mr. Todd Cordill, Assistant Chief, Plan Review  
Mr. Daniel O'Donnell, Chief, Electrical Division  
Mr. James Hennesey, Assistant Chief, Electrical Division  
Mr. Tennison Barry, Chief, Mechanical Division  
Mr. Kevin Kalakay, Assistant Chief, Mechanical Division  
Mr. Robert Konyndyk, Chief, Plumbing Division  
Mr. Andrew B. Neuman, Assistant Chief, Plumbing Division  
Mrs. LeeAnn Allaire, Analyst, Office of Management Services

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**OTHERS IN ATTENDANCE**

Lynn Briggs, Contractors Legislative Services  
Lee Schwartz, Michigan Assoc. of Home Builders  
George & Margaret Paeth, Harley Ellis Devereaux  
Mark Kidd, MIACCA  
Bert Gale, AGS

**1. CALL TO ORDER AND DETERMINATION OF QUORUM**

Chairperson Pratt called the meeting to order at approximately 9:30 a.m. A quorum was determined present at that time.

**2. APPROVAL OF AGENDA**

The agenda was amended to reflect Henry Green providing the Report of Assistance Document #08-27, Addendum Documents 08-28 a & b replaced the previous version, Todd Cordill providing the report on the Certificates of Acceptability Document #08-40a-c, and removal of the Timothy Israel Appeal, per Mr. Israel's request.

A **MOTION** was made by Commissioner Edington and supported by Commissioner DeBerardino to approve the agenda as amended. **MOTION CARRIED.**

**3. APPROVAL OF MINUTES**

A **MOTION** was made by Commissioner Edington and supported by Commissioner Jagenberg to approve the minutes of the March 5, 2008 meeting. **MOTION CARRIED.**

**4. DIRECTOR'S REPORT**

Mr. Green announced the recent promotions within the bureau. Mr. Jim Hennesey was promoted to the Assistant Chief of the Electrical Division effective 4/20/08, Beth Aben was promoted to Deputy Director effective 5/5/08, Kevin Kalakay was promoted to the Assistant Chief of the Mechanical Division effective 5/5/08, and Dean Austin was promoted to Senior Electrical Inspector effective 5/5/08. Congratulations to all of you on your promotions!

The Energy Code Committee held its first meeting on April 22<sup>nd</sup> and had a successful second meeting on May 6<sup>th</sup>. There are 3 more meetings scheduled for May 20<sup>th</sup>, June 3<sup>rd</sup>, and June 10<sup>th</sup>.

The bureau has received the signed agreement from Leelanau County. Almont Township is fulfilling their reporting requirements pursuant to the agreement.

5. **REPORT OF ASSISTANCE TO LOCAL ENFORCING AGENCIES**

**Document 08-27**

Mr. Henry Green presented, for information only, a list of municipalities for which the bureau is providing assistance.

6. **APPLICATION FOR APPROVAL TO ADMINISTER AND ENFORCE**

a) **With Proposed Ordinance – Addendum Document 08-28a**

Mr. Scott Fisher presented applications for approval to administer and enforce and proposed ordinances from: Everett Township/Newaygo County (Michigan Building, Electrical, Mechanical and Plumbing Codes); City of White Cloud/Newaygo County (Michigan Building, Electrical, Mechanical and Plumbing Codes); Sheridan Township/Newaygo County (Michigan Building, Electrical, Mechanical and Plumbing Codes); and Bellevue Township/Eaton County (Michigan Building, Electrical, Mechanical and Plumbing Codes).

A **MOTION** was made by Commissioner Edington and supported by Commissioner O'Neil to accept the recommendation of staff to approve the applications and ordinances for approval to administer and enforce the above codes upon receipt of a certified ordinance listed on Addendum Document 08-28a. **MOTION CARRIED.**

b) **With Certified Ordinance – Addendum Document 08-28b**

Mr. Scott Fisher presented an application for approval to administer and enforce and a certified ordinance from Garfield Township/Newaygo County (Michigan Building, Mechanical, and Plumbing Codes); Sherman Township/Newaygo County (Michigan Mechanical and Plumbing Codes); City of Hudson/Lenawee County (Michigan Electrical, Mechanical, and Plumbing Codes); Lincoln Township/Newaygo County (Michigan Building, Electrical, Mechanical and Plumbing Codes); Sturgis Township/St. Joseph County (Michigan Plumbing Code); Arlington Township/Van Buren County (Michigan Mechanical Code).

A **MOTION** was made by Commissioner Lawless and supported by Commissioner Yorke to accept the recommendation of staff to approve the application and ordinance for approval to administer and enforce the above codes listed on Addendum Document 08-28b. **MOTION CARRIED.**

7. **RECOMMENDATION TO CLOSE PERFORMANCE EVALUATION**

a) **City of Hamtramck/Wayne County - Document 08-37**

Mr. Scott Fisher presented a summary of the performance evaluation report of City of Hamtramck/Wayne County. It is the recommendation of staff to close the performance evaluation file.

A **MOTION** was made by Commissioner Jagenberg and supported by Commissioner Lawless to accept the recommendation of staff. **MOTION CARRIED.**

b) **Port Huron Township/St. Clair County – Document 08-38**

Mr. Scott Fisher presented a summary of the performance evaluation report of Port Huron Township/St. Clair County. It is the recommendation of staff to close the performance evaluation file.

A **MOTION** was made by Commissioner Edington and supported by Commissioner Yorke to accept the recommendation of staff. **MOTION CARRIED.**

8. **APPLICATIONS FOR PROGRAM APPROVAL – Document 08-29**

Mr. Scott Fisher presented a list of continuing education program applications for approval. The programs were reviewed and found to be in compliance with the registration rules and it is the recommendation of staff that the programs be approved.

A **MOTION** was made by Commissioner Lewis and supported by Commissioner Yorke to approve the applications as submitted. **MOTION CARRIED.**

9. **APPLICATIONS FOR CONTINUING EDUCATION INSTRUCTOR APPROVAL**  
**Document 08-30**

Mr. Scott Fisher presented a list of continuing education instructor applications for approval. Each has documented training and education in compliance with the registration rules, and it is the recommendation of staff that the instructors be approved.

A **MOTION** was made by Commissioner Edington and supported by Commissioner Jagenberg to approve the applications as submitted. **MOTION CARRIED.**

**10. APPLICATIONS FOR REGISTRATION OF CODE OFFICIALS**  
**Document 08-31a-d**

Mr. Scott Fisher presented a list of applications for registration as building officials, building inspectors, plan reviewers, and mechanical inspectors. It is the recommendation of staff that the individuals listed be approved.

A **MOTION** was made by Commissioner O'Neil and supported by Commissioner Edington to approve the applications. **MOTION CARRIED.**

**11. INSPECTOR REGISTRATION APPEAL**  
**Document 08-41**

- a) Timothy P. Israel – Document 08-41

This item was removed from the agenda and will be placed on the July Agenda per Mr. Israel's request.

**12. PETITION FOR APPROVAL OF MATERIALS, PRODUCTS & METHODS (PLUMBING)**

Mr. Robert Konyndyk presented the following products for installation and use in the State of Michigan. It is the recommendation of staff that the following products be approved:

- a) **APL-2000 Epoxy Pipe Coating Material - Document 08-32**
- b) **Precast Concrete 1250 gallon and 1500 gallon Interceptors – Document 08-33**
- c) **Eternal Hybrid Water Heater, Models GU 26 and GU 32 – Document 08-34**
- d) **NobleSeal TS – Document 08-35**
- e) **Bradley Model LC840 LavCare Module – Document 08-36**

A **MOTION** was made by Commissioner Edington and supported by Commissioner DeBerardino to approve these products for installation and use in the State of Michigan subject to the conditions of use and installation. **MOTION CARRIED.**

13. **PETITION FOR APPROVAL OF MATERIALS, PRODUCTS & METHODS  
(Mechanical)**

Mr. Tennison Barry presented the following product for installation and use in the State of Michigan. It is the recommendation of staff that the following product be approved:

a) **Fabric Air Inc. – Air Dispersion Systems - Document 08-39**

A **MOTION** was made by Commissioner Jagenberg and supported by Commissioner O'Neil to approve this product for installation and use in the State of Michigan subject to the conditions of use and installation. **MOTION CARRIED.**

14. **CERTIFICATE OF ACCEPTABILITY**  
**Document 08-40a-c**

Mr. Todd Cordill presented the following manufacturers for a Certificate of Acceptability in the State of Michigan. It is the recommendation of staff that the following manufacturers be issued a Certificate of Acceptability:

a) **CA-510 – Hubley Industries, Inc.**

b) **CA 516 – Craven Construction Inc. DBA Cottage A Day**

c) **CA 372 – Liberty Homes Inc.-Dorchester Homes**

A **MOTION** was made by Commissioner Edington and supported by Commissioner Jagenberg to issue the Certificates of Acceptability as noted on Document 08-40a-c. **MOTION CARRIED.**

15. **PUBLIC COMMENT**

None.

16. **OLD BUSINESS**

Chairman Pratt inquired as to when the Building Code books would be available. The books will be available for sale around mid-June. The rules are effective August 1, 2008.

Commissioner Lewis inquired if there was still pending action/legislation regarding implementing a review board or a body to monitor building inspector discipline issues. Discussion took place regarding this. Lee Schwartz offered that the previous Senate Bill 150 would be reintroduced for legislative action, which addresses this issue.

Commissioner Lewis also inquired as to what additional actions are taken after the Commission closes a Performance Evaluation (PE) on a local enforcing agency. Mr. Green responded that when the Commission closes a PE, generally it has been going through a review period for at least a year and no further action is taken unless additional complaints are filed.

17. **NEW BUSINESS**

None.

18. **2008 MEETING SCHEDULE** – July 9<sup>th</sup>, September 10<sup>th</sup>, November 5<sup>th</sup>

19. **ADJOURNMENT**

A **MOTION** was made by Commissioner Lawless and supported by Commissioner Yorke to adjourn the meeting at approximately 10:00 a.m. **MOTION CARRIED.**

APPROVED:

\_\_\_\_\_  
Chairman, Construction Code Commission

\_\_\_\_\_  
Date





JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LABOR & ECONOMIC GROWTH  
LANSING

KEITH W. COOLEY  
DIRECTOR

**DOCUMENT #08-43a**

June 24, 2008

TO: Members of the Construction Code Commission

FROM: Scott D. Fisher, Director  
Office of Local Government and Consumer Services

SUBJECT: Application for Approval to Administer and Enforce a Code

The following unit of government has submitted an application for approval to administer and enforce the Michigan codes, along with a proposed ordinance:

- 1. M-08-14 Village of Decatur/Van Buren**  
Michigan Mechanical Code  
Proposed Ordinance  
Inspector/Plan Reviewer: Richard E. Healy (Registration No. 004243)  
Previously state enforced

**RECOMMENDATION:** It is the recommendation of staff that the unit of government listed be approved to administer and enforce the codes in accordance with their application for approval, and receipt of certified ordinance.

SDF/jlp

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DIRECTOR

**DOCUMENT #08-43b**

June 24, 2008

TO: Members of the Construction Code Commission

FROM: Scott D. Fisher, Director  
Office of Local Government and Consumer Services

SUBJECT: Application for Approval to Administer and Enforce a Code

The following units of government have submitted applications for approval to administer and enforce the Michigan codes, along with the appropriate ordinances:

1. **P-08-08** **White Pigeon Township/St. Joseph**  
Michigan Plumbing Code  
Ordinance #57; Adopted 10/2/2007  
Inspector/Plan Reviewer: John L. Dobberteen (Registration #004925)  
Previously state enforced
2. **B-08-09** **City of Standish/Arenac**  
Michigan Building Code  
Ordinance #242; Adopted 5/19/2008  
Inspector/Plan Reviewer: Gary Johnson (Registration #004683)  
Previously county enforced
3. **E-08-10** **City of Standish/Arenac**  
Michigan Electrical Code  
Ordinance #242; Adopted 5/19/2008  
Inspector/Plan Reviewer: Eric Nickel (Registration #005337)  
Previously county enforced
4. **M-08-13** **City of Standish/Arenac**  
Michigan Mechanical Code  
Ordinance #242; Adopted 5/19/2008  
Inspector/Plan Reviewer: Tom Verellen (Registration #005191)  
Previously county enforced

DLEG is an equal opportunity employer/program.  
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

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5.     **P-08-17**     **City of Standish/Arenac**  
Michigan Plumbing Code  
Ordinance #242; Adopted 5/19/2008  
Inspector/Plan Reviewer: Tom Verellen (Registration #005191)  
Previously county enforced
  
6.     **E-08-11**     **Lansing Charter Township/Ingham**  
Michigan Electrical Code  
Ordinance #58.8; Adopted 6/10/2008  
Inspector/Plan Reviewer: Bert Gale (Registration #002275)  
Previously state enforced
  
7.     **M-08-15**     **Lansing Charter Township/Ingham**  
Michigan Mechanical Code  
Ordinance #58.8; Adopted 6/10/2008  
Inspector/Plan Reviewer: Kevin Matteson (Registration #004248)  
Previously state enforced
  
8.     **P-08-18**     **Lansing Charter Township/Ingham**  
Michigan Plumbing Code  
Ordinance #58.8; Adopted 6/10/2008  
Inspector/Plan Reviewer: Forrest Hunnicut (Registration #003531)  
Previously state enforced

**RECOMMENDATION:** It is the recommendation of staff that the units of government listed be approved to administer and enforce the codes in accordance with their applications for approval, and certified ordinances.

SDF/jlp



JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LABOR & ECONOMIC GROWTH  
LANSING

KEITH W. COOLEY  
DIRECTOR

**DOCUMENT #08-44**

June 18, 2008

TO: Members of the Construction Code Commission

FROM: Scott D. Fisher, Director  
Office of Local Government and Consumer Services

SUBJECT: Continuing Education Program Applicants

The programs listed on the attached pages are those for which approval has been requested by providers or sponsors of continuing education programs required of building officials, inspectors, and plan reviewers to renew their registrations. Document #08-44 is a list of programs that have been submitted for approval for the cycle beginning September 17, 2006 through September 16, 2009.

Each provider has documented appropriate content in relation to one or more of the continuing education categories and registrant classifications set forth in the administrative rules promulgated pursuant to 1986 PA 54.

**It is the recommendation of Bureau staff that the programs submitted pursuant to the provisions of Act 54 be approved by the Commission.**

SDF/kld

Attachments

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Explanatory notes to accompany BCC 2008 Approved Continuing Education Program List:

**DOCUMENT #08-44**

\* Registrants holding one or more Inspector classification are required to attend Technical and Specialty training to be eligible for reregistration at the end of the present code cycle. If that is successfully accomplished, there are no additional Technical or Specialty credits necessary to also become eligible for reregistration as either a Building Official and/or Plan Reviewer. A person who is registered **only** as a Building Official and/or Plan Reviewer **without any Inspector classification** will receive the listed Technical and/or Specialty credit towards reregistration qualification for attending this program.

Specialty approvals are granted for one of the four Inspector (trade) classifications. Inspectors receive credits only for attending programs associated with their trade; a Mechanical Inspector does not satisfy those requirements by attending a Building, Electrical or Plumbing program. Someone registered **only** as a Building Official and/or Plan Reviewer **without any Inspector classification** will receive credit for all Specialty programs attended, regardless of the trade(s).

Technical approvals are granted for programs addressing a specific code. Inspectors receive Technical credit only for programs addressing the code they enforce. Someone registered **only** as a Building Official and/or Plan Reviewer without any Inspector classification will receive credit for all Technical programs **in their cycle** which they attended, regardless of the trade.

\*\* Programs approved for Plan Review credits satisfy unique requirements placed on Plan Reviewer registrants. Even though the title of an individual program may refer to a specific trade or code, all Plan Review program credits apply to any Plan Reviewer.

\*\*\*\* Credit for documented participation in/attendance at formal code change hearings conducted and reported by a nationally recognized code-promulgating organization will be recognized when the subject is a code enforced by the registrant. Credit is granted in one-hour increments and is divided between Technical and Specialty. The first hour is Technical, the second Specialty, the third Technical, the fourth Specialty, etc. Seven hours would be credited as four Technical and three Specialty, for example.

*ISC = Independent Study Course      I = Internet Course*

## Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

|       |   |   |   |    |   |                     |                                     |                |                                                                                                 |
|-------|---|---|---|----|---|---------------------|-------------------------------------|----------------|-------------------------------------------------------------------------------------------------|
| 14166 |   |   | 8 |    |   | Sylvie Lefebvre     | Arxx Building Products              | (800) 293-3210 | Arxx Installer Training                                                                         |
| 14167 |   | 5 |   |    |   | Jeff Hugo           | Saginaw Valley Chapter of ICC       | (845) 519-5963 | Underwriters Laboratory Facility/Headquarters Tour-Northbrook, Illinois **ONE TIME ONLY**       |
| 14168 |   |   |   | 5  |   | Russell H. Crossman | Crossman Mechanical Training, Inc.  | (906) 658-3486 | 5 Hour Plumbing Code Update Class-2006 Michigan Plumbing Code                                   |
| 14169 |   |   |   | 2  |   | James E. Hill       |                                     | (734) 231-5944 | The Who, What, When & Why of Plan Review                                                        |
| 14170 |   |   |   | 15 |   | Edward J Rosett     |                                     | (248) 891-2131 | 2005 National Electrical Code Changes, State of Michigan Electrical Code Rules-Part 8           |
| 14171 | 1 |   | 1 | 3  |   | Duane E. Branch     |                                     | (989) 939-8718 | 2006 Plumbing Code Update Class                                                                 |
| 14172 |   |   |   |    | 3 | Michael O'Brian     | Code Savvy Consultants              | (313) 618-6401 | Plan Review of Shop Drawings                                                                    |
| 14173 |   |   | 2 | 2  |   | Michael O'Brian     | Code Savvy Consultants              | (313) 618-6401 | Fire Pumps                                                                                      |
| 14174 |   |   | 2 |    |   | Darren S. Chambers  | All-Fab Building Components, Inc.   | (204) 661-8880 | Nascor Engineered I-Joist Technical Training                                                    |
| 14175 |   |   | 1 | 1  |   | Warren M. Wisner    | SEMPIA                              | (734) 475-2425 | Water Heaters                                                                                   |
| 14176 |   |   | 2 |    |   | John Leonowicz      | Reciprocal Electrical Council, Inc. | (248) 770-5881 | The Ins and Outs of Electrical Inspections (One Time Only)                                      |
| 14177 |   |   |   |    | 6 | James R. Schiffliti | Fire Safety Consultants, Inc.       | (847) 697-1300 | Automatic Sprinkler Plan Review of 13R, 13D, and Limited Area Sprinkler Systems (One Time Only) |
| 14178 |   |   |   | 3  |   | James R. Schiffliti | Fire Safety Consultants, Inc.       | (847) 697-1300 | Fire Alarm Systems (One Time Only)                                                              |
| 14179 | 6 |   |   |    |   | Kimberly Riley      | International Code Council          | (888) 842-2723 | Legal Aspects of Code Administration                                                            |
| 14180 |   |   | 1 | 1  |   | Ira W. Schumer      |                                     | (951) 258-0374 | Joining Methods and Applications for Cast Iron Drainage Systems                                 |

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

|       |   |  |   |  |   |   |              |                   |                                            |                |                                                                                                                    |
|-------|---|--|---|--|---|---|--------------|-------------------|--------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------|
| 14181 |   |  |   |  | 1 | 1 | EI*,<br>PR** | Anton M. Tomasin  | Reciprocal Electrical<br>Council, Inc.     | (810) 796-9669 | Concrete Encased Electrodes and<br>Grounding Electrodes Systems (One<br>Time Only)                                 |
| 14182 |   |  | 2 |  |   |   | EI*          | George H. Little  | IAEI-Michigan Chapter                      | (248) 933-1139 | Swimming Pool Inspections (One<br>Time Only)                                                                       |
| 14183 |   |  |   |  | 2 |   | EI*          | George H. Little  | IAEI-Michigan Chapter                      | (248) 933-1139 | Service and Feeder Applications (One<br>Time Only)                                                                 |
| 14184 |   |  |   |  | 1 |   | PR**         | George H. Little  | IAEI-Michigan Chapter                      | (248) 933-1139 | Code Panel-6/19/08 (One Time Only)                                                                                 |
| 14185 |   |  |   |  | 1 |   | PR**         | George H. Little  | IAEI-Michigan Chapter                      | (248) 933-1139 | Code Panel-6/20/08 (One Time Only)                                                                                 |
| 14186 |   |  | 3 |  | 1 |   | EI*          | David A. Williams |                                            | (517) 719-3186 | Submitting Proposal, Separately<br>Derived Systems, and Major Changes<br>2005-2008 Edition (One Time Only)         |
| 14187 |   |  |   |  | 3 |   | BI*          | Carvin DiGiovanni | Association of Pool &<br>Spa Professionals | (703) 838-0083 | The Federal Pool & Spa Security Act<br>and How it Impacts Michigan<br>Swimming Pool & Spa Codes (One<br>Time Only) |
| 14188 | 2 |  |   |  |   |   | ALL          | Scott D. Fisher   | DLEG, BCC, OLGCS                           | (517) 241-9347 | Performance Evaluation                                                                                             |
| 14189 |   |  | 2 |  | 2 |   | EI*,<br>PR** | Ernest A. Harju   |                                            | (906) 339-2466 | Arc-Flash & 70E                                                                                                    |
| 14190 |   |  |   |  | 5 |   | BI*          | Larry Pickel      | Washtenaw Community<br>College             | (734) 677-5259 | 2006 Michigan Residential Code<br>Update                                                                           |
| 14191 |   |  |   |  | 1 |   | PR**         | Dan Radecki       |                                            | (616) 365-0196 | Electrical Plan Review                                                                                             |
| 14192 |   |  |   |  | 1 |   | PR**         | David Vallier     |                                            | (586) 286-8732 | Short Circuit Data                                                                                                 |
| 14193 |   |  |   |  | 1 |   | EI*          | George H. Little  | IAEI-Michigan Chapter                      | (248) 933-1139 | Tap Rules (One Time Only)                                                                                          |
| 14194 | 7 |  |   |  |   |   | All          | Guy J. Lasich     |                                            | (906) 228-9870 | Michigan Occupational Code, Public<br>Act 299 of 1980 & Related<br>Information - 7 hrs                             |
| 14195 | 5 |  |   |  |   |   | All          | Guy J. Lasich     |                                            | (906) 228-9870 | Michigan Occupational Code, Public<br>Act 299 of 1980 & Related<br>Information - 5 hrs                             |
| 14196 |   |  | 2 |  |   |   | BI*          | Robert C. Rabeler |                                            | (517) 887-9181 | Soil & Foundations                                                                                                 |
| 14197 |   |  |   |  | 2 |   | BI*          | Robert C. Rabeler |                                            | (517) 887-9181 | Special Inspections                                                                                                |
| 14198 |   |  |   |  | 1 |   | PR**         | Irvin Poke        | DLEG, BCC, Plan<br>Review                  | (517) 241-9328 | Barrier Free Design and Existing<br>Buildings                                                                      |

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Inspector Continuing Education Programs

|       |  |  |  |   |   |              |                   |                 |                |                                                |
|-------|--|--|--|---|---|--------------|-------------------|-----------------|----------------|------------------------------------------------|
| 14199 |  |  |  | 1 | 1 | BI*,<br>PR** | Stephen Taglauer  | City of Midland | (989) 837-3388 | 2006 MRC Changes from 2003 MRC                 |
| 14200 |  |  |  |   | 4 | PR**         | Daljit S. Benipal |                 | (734) 675-6688 | Michigan Building Code 2006-Chapter<br>3       |
| 14201 |  |  |  |   | 4 | PR**         | Daljit S. Benipal |                 | (734) 675-6688 | Michigan Building Code 2006-Chapter<br>4       |
| 14202 |  |  |  |   | 4 | PR**         | Daljit S. Benipal |                 | (734) 675-6688 | Michigan Building Code 2006-<br>Chapters 5 & 6 |





JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LABOR & ECONOMIC GROWTH  
LANSING

KEITH W. COOLEY  
DIRECTOR

**DOCUMENT #08-45**

June 18, 2008

TO: Members of the Construction Code Commission

FROM: Scott D. Fisher, Director  
Office of Local Government and Consumer Services

SUBJECT: Continuing Education Instructor Applications

Attached is a list of those individuals who have applied for approval as instructors of continuing education programs required of building officials, inspectors, and plan reviewers. The instructors listed are approved for the cycle beginning September 17, 2006 through September 16, 2009.

Each has documented training and experience in the topic which they propose to teach.

**It is the recommendation of Bureau staff that they be approved as instructors by the Commission.**

SDF/kld

Attachments

DLEG is an equal opportunity employer/program.  
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

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Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 New Instructors

Instructor

| Number | Last Name  | First Name | MI | Affiliation/Experience                  |
|--------|------------|------------|----|-----------------------------------------|
| 1789   | Micoff     | Dennis     | L  | Arxx Building Products                  |
| 1790   | Crossman   | Russell    | H  | Crossman Mechanical Training            |
| 1791   | Hill       | James      | E  |                                         |
| 1792   | Rosett     | Edward     | J  |                                         |
| 1793   | Chambers   | Darren     | S  | All-Fab Building Components, Inc.       |
| 1794   | Schumer    | Ira        |    |                                         |
| 1795   | Tomasin    | Anton      |    | RECI                                    |
| 1796   | DiGiovanni | Carvin     |    | Association of Pool & Spa Professionals |
| 1797   | McReynolds | Michael    | L  | Hoover Treated Wood Products            |
| 1798   | Taglauer   | Stephen    | K  | City of Midland                         |
| 1799   | Benipal    | Daljit     | S  | City of Detroit                         |

Department of Labor and Economic Growth-Bureau of Construction Codes-2006/2009 Renewal Instructors

| Instructor<br>Number | Last Name | First Name | MI | Affiliation/Experience |
|----------------------|-----------|------------|----|------------------------|
| 1501                 | Branch    | Duane      | E  |                        |
| 1112                 | Leonowicz | John       | P  | RECI                   |
| 813                  | Manche    | Alan       |    | IAEI                   |
| 355                  | Rabaler   | Robert     | C  |                        |



JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LABOR & ECONOMIC GROWTH  
LANSING

KEITH W. COOLEY  
DIRECTOR

**Document #08-46a-d**

June 24, 2008

TO: Members of the Construction Code Commission

FROM: Scott D. Fisher, Director  
Office of Local Government and Consumer Services

SUBJECT: Inspector Registration Applicants

Attached you will find lists of applicants for provisional registration as building officials, building inspectors, plan reviewers, and mechanical inspectors. Document #08-46a, b, and c, are lists of applicants for provisional registration as building officials, building inspectors, and plan reviewers. Document #08-46d is a list of applicants for provisional registration as mechanical inspectors presented to the Board of Mechanical Rules on May 14, 2008.

SDF/jlp

Attachments

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**BUILDING OFFICIALS**

**07/09/08 ccc**

RUDOLPH, Harold W.  
Registered as Building Inspector/Plan Reviewer #002953 (11/1992)  
Replacing John Swantek (Registration #003250)  
City of Walled Lake – Oakland County

**BUILDING INSPECTORS**

07/09/08 ccc

BAYLY, Brian W.  
Residential Builders License #2101117807 (2/1994)  
31,200+ hours as Carpenter  
Additional Inspector  
City of Algonac – St. Clair County

LETO, Peter J.  
Residential Builders License #2102119958 (5/1994)  
10,400+ hours as Carpenter  
Additional Inspector  
City of Roseville – Macomb County

LEWIS, Guy E.  
Residential Builders License #2101086619 (7/1989)  
27,040+ hours as Carpenter  
Replacing Warren Weaver (Registration #002109)  
City of Buchanan – Berrien County

MONTIE, Michael W.  
8,396+ hours as Carpenter  
Additional Inspector  
Ross Township – Kalamazoo County

RAYMER, Russell  
9,262+ hours as Carpenter  
Additional Inspector  
City of Charlotte – Eaton County

**PLAN REVIEWERS**

07/09/08 ccc

BAYLY, Brian W.  
Residential Builders License #2101117807 (2/1994)  
31,200+ hours as Carpenter  
Additional Plan Reviewer  
City of Algonac – St. Clair County

HOPPER, Annette M.  
14,080+ hours as Plan Reviewer  
Replacing Jeff Kirk (Registration #005014)  
Frenchtown Charter Township – Monroe County

LETO, Peter J.  
Residential Builders License #2102119958 (5/1994)  
10,400+ hours as Carpenter  
Additional Plan Reviewer  
City of Roseville – Macomb County

LEWIS, Guy E.  
Residential Builders License #2101086619 (7/1989)  
27,040+ hours as Carpenter  
Replacing Warren Weaver (Registration #002109)  
City of Buchanan – Berrien County

PIRON, Kenneth J.  
Registered as Electrical Inspector #005474 (5/2007)  
Additional Inspector  
Lathrop Village – Oakland County

**MECHANICAL INSPECTORS**

**05/14/08 bmr**

**07/09/08 ccc**

INMAN, Frederick W.  
8,000+ hours HVAC  
Additional Inspector  
Newaygo County

RATLIFF, James D.  
8,000+ hours HVAC  
Additional Inspector  
City of Ann Arbor -- Washtenaw County





JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LABOR & ECONOMIC GROWTH  
LANSING

KEITH W. COOLEY  
DIRECTOR

June 16, 2008

**DOCUMENT #08-47**

TO: Members of the Construction Code Commission

FROM: Robert G. Konyndyk, Chief, Plumbing Division

SUBJECT: Liberty Pumps, SUMP JET Approval Petition

The applicant has requested product approval to provide product acceptance through approval clarification.

**APPLICANT REPRESENTATIVE:**

Mr. Jeffrey G. Waterman

**APPLICANT:**

Liberty Pumps, Inc.  
7000 Apple Tree Avenue  
Bergen, NY 14416

**AUTHORITY:**

Section 21 of Act 230, 1972 being section 125.1521 of the Michigan Compiled Laws.

**PRODUCTS:**

Liberty Pumps, SUMP JET water powered back-up sump pump, Model SJ10

**APPLICATION:**

Emergency back-up sump for residential and commercial use

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**APPLICABLE CODE SECTION:**

Chapter 6, Section 608 Protection of Potable Water System and Table 608.1

**TEST REPORTS:**

IAPMO report number 399-06003, Project No. 123853

**APPROVAL BY OTHER AGENCIES:**

None provided

**CONDITIONS OF USE AND INSTALLATION:**

1. All requirements of the Michigan Plumbing Code shall be applicable.
2. Installed in accordance with the manufacturer's installation instructions.
3. A reduced pressure principle backflow preventer conforming to ASSE 1013 shall be installed on the water supply to the device at the correct height.
4. The drain from the device shall be by air gap to an approved point of discharge and shall not be connected to the discharge from another sump pump.
5. The water supply to the unit shall be of acceptable water distribution materials.

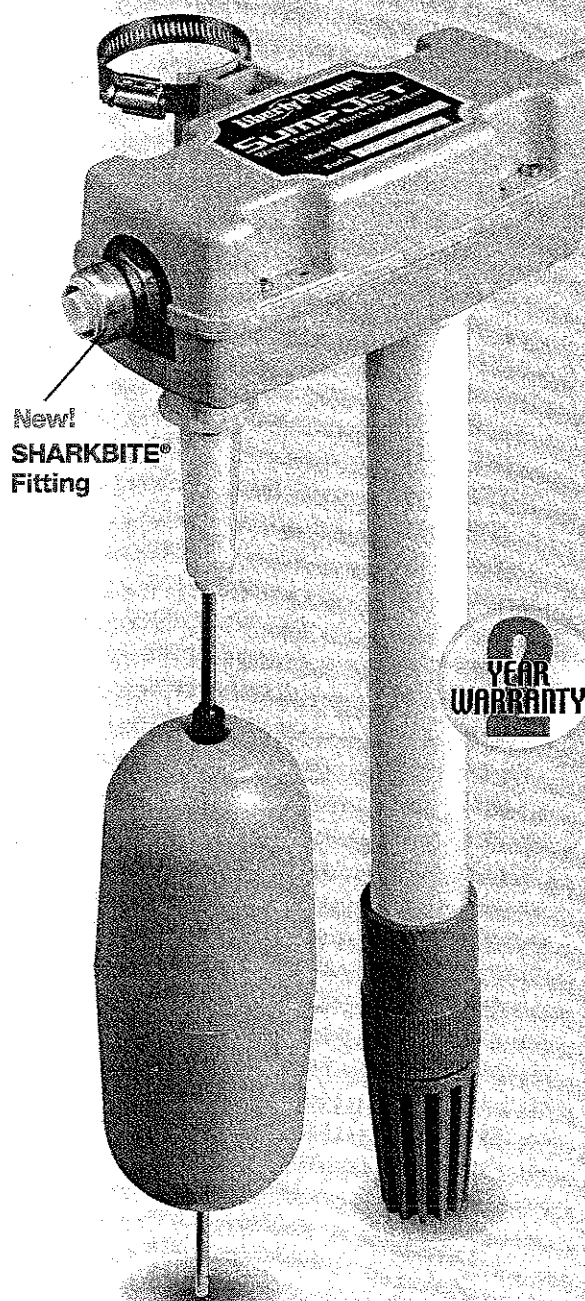
**RECOMMENDATION:**

The Michigan State Plumbing Board recommended the product to the commission for approval at their June 3, 2008 board meeting.

RGK/mkr

# Liberty Pumps™

## Model SJ10



### **SUMP JET™** Water Powered Back-Up Pump

***Protects  
basement during  
power outages!***

***Requires no electricity***

***Features:***

- Works off municipal water supply\*
- Accepts 20PSI up to 100PSI inlet supply pressure\*\*
  - Fully automatic
  - High-output flow rates
  - Compact design
  - Fully-assembled
  - 1-1/2" Discharge
- 3/4" NPT water inlet connection
- UPC approved (IAPMO PS 119-2005)
- SHARKBITE® inlet connection accepts pex or copper 3/4" line

***Efficient design removes more  
water per gallon used***

\* The SJ10 requires an uninterrupted water source to operate. If you have a well pump, the SJ10 will not operate during power outages

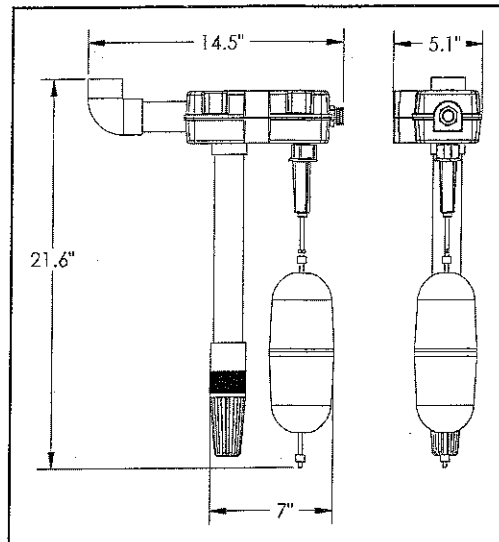
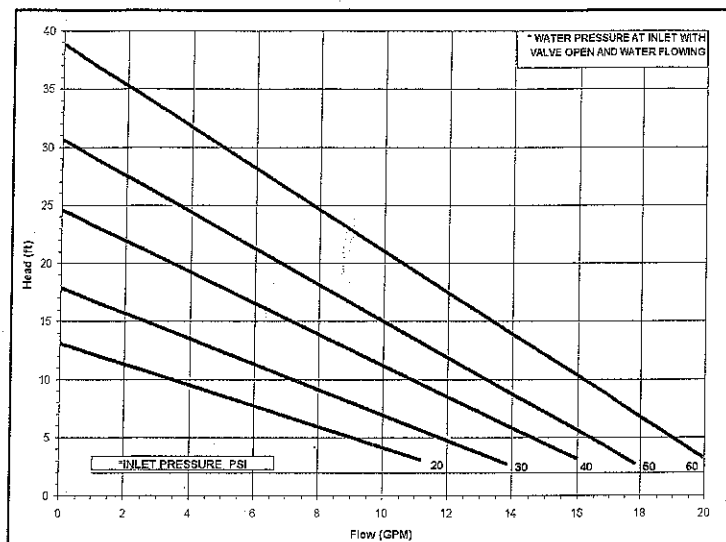
\*\*SJ10 pumping performance varies with inlet water source pressure and pumping head. See complete specifications and performance chart for expected flow rates.

SHARKBITE® is a registered trademark of the CASH ACME Co.

innovate. evolve.

# Model SJ10 Water Powered Back-Up Sump Pump

## Performance Chart:



| Water pressure valve at inlet with valve open and water flowing |     | <b>Sump Water Removal At Various Heads</b><br>(Static Head in 1-1/2" Pipe or Larger) |      |                    |       |      |                    |        |     |                    |        |     |                    |
|-----------------------------------------------------------------|-----|--------------------------------------------------------------------------------------|------|--------------------|-------|------|--------------------|--------|-----|--------------------|--------|-----|--------------------|
| Lift                                                            |     | 4 ft.                                                                                |      | 1.21 m             | 8 ft. |      | 2.4 M              | 12 ft. |     | 3.6 M              | 15 ft. |     | 4.5 M              |
| PSI                                                             | KPA | GPM                                                                                  | GPH  | M <sup>3</sup> /hr | GPM   | GPH  | M <sup>3</sup> /hr | GPM    | GPH | M <sup>3</sup> /hr | GPM    | GPH | M <sup>3</sup> /hr |
| 20                                                              | 138 | 11.0                                                                                 | 660  | 2.5                | 5.8   | 348  | 1.3                | -      | -   | -                  | -      | -   | -                  |
| 30                                                              | 207 | 12.8                                                                                 | 765  | 2.9                | 9     | 540  | 2.0                | 5.5    | 330 | 1.2                | -      | -   | -                  |
| 40                                                              | 276 | 15.4                                                                                 | 924  | 3.5                | 12.5  | 750  | 2.8                | 9.3    | 558 | 2.1                | 7.2    | 432 | 1.6                |
| 50                                                              | 345 | 17.2                                                                                 | 1032 | 3.9                | 14.5  | 870  | 3.3                | 12     | 720 | 2.7                | 10     | 600 | 2.3                |
| 60                                                              | 414 | 19.8                                                                                 | 1185 | 4.5                | 17    | 1020 | 3.9                | 15.2   | 912 | 3.5                | 13.5   | 810 | 3.1                |

### Features:

- Adjustable stainless hose clamp for easy mounting
- Removes 2 gallons of water for each 1 gallon used. (based on 5' lift)
- Fully assembled, compact design
- Built-in screen with removable foot valve
- Constructed of durable PVC

### Dimensions

Major Height: 21.6", Major Width: 5.1", Weight: 3.5 lbs.

### Construction: PVC

Maximum Fluid Temperature 130 Degrees F.

### Inlet Connection: 3/4" NPT

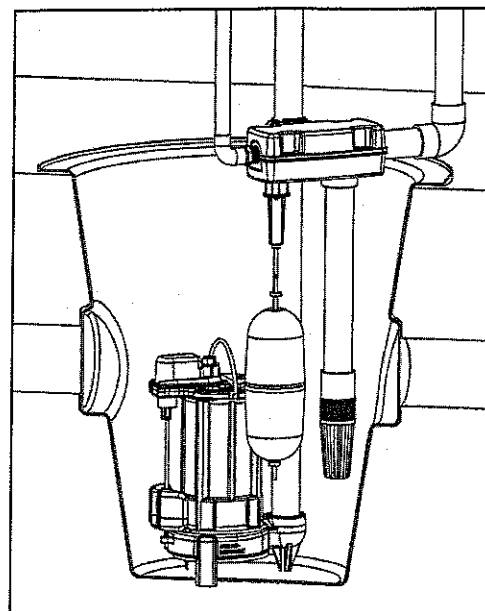
### Discharge Size: 1-1/2"

### Built-in Backflow Prevention

Eliminates potential backflow into municipal water system or flood to basement. (Neoperl® No. 31.4220.0, 0V20)

**Important:** Minimum recommended pit diameter is 18". The SJ10 works in conjunction with your main sump pump. Make sure you have adequate pit size to properly install the SJ10 without float interference. Additional backflow devices may be required. Check with local codes prior to installation.

### Typical Installation Diagram:



Neoperl® is a registered trademark of its respective owner. Specifications are subject to change without notice.

Liberty Pumps • 7000 Apple Tree Avenue • Bergen, New York 14416 • Phone 800-543-2550 Fax (585) 494-1839

www.libertypumps.com

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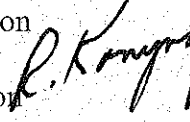
JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LABOR & ECONOMIC GROWTH  
LANSING

KEITH W. COOLEY  
DIRECTOR

June 16, 2008

**DOCUMENT #08-48**

TO: Members of the Construction Code Commission  
FROM: Robert G. Konyndyk, Chief, Plumbing Division   
SUBJECT: Advanced Drainage Approval Request for ADS N-12 WT IB

The applicant has requested approval to provide product acceptance for ADS N-12 WT IB, High-Density Polyethylene Pipe for Storm Sewer applications sizes 12" through 60".

**APPLICANT REPRESENTATIVE:**

Mr. Christopher M. Owen

**APPLICANT:**

Mr. Christopher M. Owen  
Advanced Drainage Systems, Inc.  
43544 Lancelot Dr.  
Canton, Michigan 48188

**AUTHORITY:**

Section 21 of Act 230, 1972 being section 125.1521 of the Michigan Compiled Laws.

**PRODUCT:**

ADS N-12 WT IB, High-Density Polyethylene Pipe for Storm Sewer applications sizes 12" through 60"

**APPLICATION:**

Storm sewer

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[www.michigan.gov/dleg](http://www.michigan.gov/dleg)

**APPLICABLE CODE SECTION:**

Section 303.3 Plastic pipe and fittings (conformance to NSF 14)  
Section 303.4 Third party testing  
Section 312.2 Testing  
Table 1102.4 Building Storm Sewer Pipe

**TEST REPORTS:**

Conformance to the ASTM F2306

**ADDITIONAL INFORMATION:**

WT (designation) – Water tight joints  
ST (designation) – Soil tight joints

**CONDITIONS OF USE AND INSTALLATION:**

1. The product may be installed for gravity flow storm sewer applications only.
2. All requirements of the Michigan Plumbing Code shall be applicable.
3. The product shall only be used from manhole to manhole. The only permissible fittings will be couplings.
4. Shall be installed in accordance with manufacturer's installation instructions.
5. Shall be water tight joints conforming to ASTM D 3212

**RECOMMENDATION:**

The Michigan State Plumbing Board recommended the product to the commission for approval at their June 3, 2008 board meeting.

RGK/mkr

This manual has been prepared to assist in identifying ADS products and product numbers. It is intended to be a fast and easy reference guide to our valued customers.

Information is provided on all products ADS manufactures or sells including:

- Single Wall Pipe
- N-12® Pipe
- StormTech® Chambers
- Series 35 Pipe
- ADS 3000 Triple Wall
- AdvanEDGE® Flat Pipe
- Water Quality Units
- Molded Fittings
- Fabricated Fittings
- Leaching Chambers
- Drain Basins
- Geosynthetics
- Grates
- Tapping Tees
- Horizontal Drain Boxes
- Miscellaneous Products





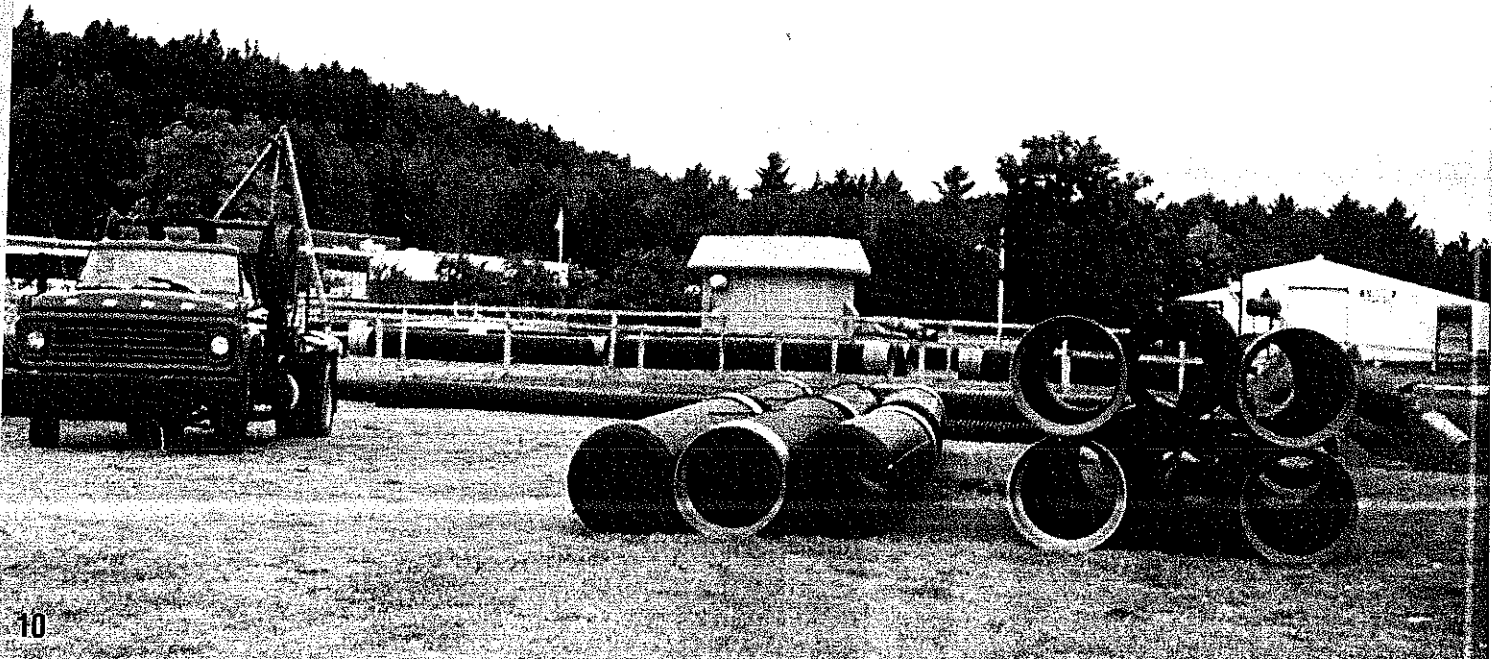
| <u>Solid</u> | <u>Size</u> | <u>Perforated</u> |
|--------------|-------------|-------------------|
| 0435 - 0020' | 4"          | 0431 - 0020'      |
| 0635 - 0020' | 6"          | 0631 - 0020'      |
| 0835 - 0020' | 8"          | 0831 - 0020'      |
| 1035 - 0020' | 10"         | 1031 - 0020'      |
| 1235 - 0020' | 12"         | 1231 - 0020'      |
| 1535 - 0020' | 15"         |                   |
| 1835 - 0020' | 18"         |                   |
| 2435 - 0020' | 24"         |                   |

\*Note: Series 35 Pipe is available in 13 ft. Sticks

Lubricant is required on all pipe gaskets.  
Below is an estimate based on the number of coupling joint

| <u>Pipe<br/>Diameter</u> | <u>Joints/2#<br/>0200LU</u> | <u>Joints/8#<br/>0800LU</u> |
|--------------------------|-----------------------------|-----------------------------|
| 4"                       | 89                          | 356                         |
| 6"                       | 61                          | 244                         |
| 8"                       | 43                          | 172                         |
| 10"                      | 33                          | 132                         |
| 12"                      | 25                          | 100                         |
| 15"                      | 20                          | 80                          |
| 18"                      | 16                          | 64                          |
| 24"                      | 10                          | 40                          |

| <u>Product #</u> | <u>Description</u> |
|------------------|--------------------|
| 0200LU           | 2# Tub             |
| 0800LU           | 8# Tub Lube        |
| 0459AG           | 4" gasket          |
| 0659AG           | 6" gasket          |
| 0859AG           | 8" gasket          |
| 1065MG           | 10" gasket         |







JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LABOR & ECONOMIC GROWTH  
LANSING

KEITH W. COOLEY  
DIRECTOR

June 16, 2008

**DOCUMENT #08-49**

TO: Members of the Construction Code Commission  
FROM: Robert G. Konyndyk, Chief, Plumbing Division *R. Konyndyk*  
SUBJECT: Hill-Rom Patient Care Module, Models 520 and 300 Floor Mount units

The product manufacturer has requested approval due to the absence of an approved standard in the present code for this type of device. Further, the manufacture has been issued a Certificate of Acceptance for Model 200, January 7, 2004.

**APPLICANT REPRESENTATIVE:**

Mr. Ron Schwipps

**APPLICANT:**

Hill-Rom  
1069 State Route 46 East  
Batesville, IN 47006

**AUTHORITY:**

Section 21 of Act 230, 1972 being section 125.1521 of the Michigan Compiled Laws.

**PRODUCT:**

Hill-Rom Patient Care Module, Models 520 and 300 Floor Mount units

**APPLICATION:**

Combination lavatory and concealed water closet module positioned at a patient's bedside as a hygienic replacement for bedpans and commodes.

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**APPLICABLE CODE SECTION:**

608.3.1 Special Equipment Water supply protections – pressure type VB, 6 foot above  
609 Health Care Plumbing  
609.4 Vacuum breaker location

**CONDITIONS OF USE AND INSTALLATION:**

1. All requirements of the Michigan Plumbing Code shall be applicable.
2. To be installed in hospitals or care institutions only.
3. The units shall not be provided with dialysis connections which are identified by the manufacturer as Utility Connection Options. The dialysis connection is identified by Hill-Rom as the Utility Connection.
4. The request from the hospital or care institutions must be approved by the Health Department having jurisdiction, and meet their conditions prior to review by the State Plumbing Board.
5. Such installations would be in addition to any required hand washing or toilet facilities, and could not be substituted for required facilities.
6. An acceptable means of providing privacy, such as a screen or curtain, must be provided in conjunction with the installation of this equipment.
7. Allowing the installation of such units, which do not conform to required fixture numbers for water closets and lavatories, shall be based upon the design need for proper patient care and shall not establish a precedent.
8. A properly installed approved vacuum breaker shall be located downstream from the flushometer valve at the required height.
9. A properly installed approved vacuum breaker shall be provided for the bedpan washer connection at the required height location.

**RECOMMENDATION:**

The Michigan State Plumbing Board recommended the product to the commission for approval at their June 3, 2008 board meeting.

RGK/mkr

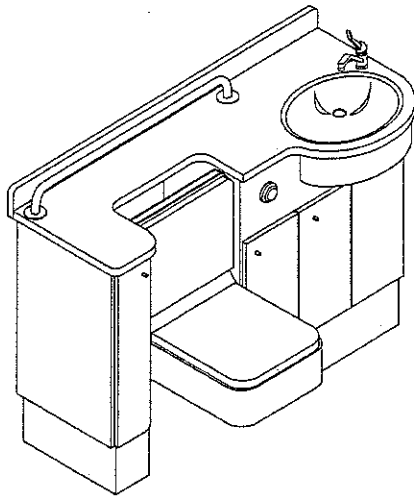
# Patient Care Module—Model 300 (P590030)

## TECHNICAL DATA SHEET

### Introduction

The Patient Care Module (PCM) is a free-standing, wall-mounted cabinet constructed of pre-formed, exterior, marine glue plywood with a polyester-resin overlay finished with high-pressure laminate (see figure 1 on page 1). It conceals the patient water closet, flush valve, and bedpan washer rigid diverter arm.

Figure 1. Patient Care Module



### Features

The Patient Care Module Model 300 offers these features:

- A standard, vitreous, china water closet with no pivoting or moving plumbing connections to wear out
- A water closet that is concealed when not in use
- A built-in, bedpan washer, rigid diverter arm
- A location close to the bed (depending on room layout)
- A bedside seat
- ADA compliance\*

\* With proper installation Model 300 will meet requirements of ADA standard for Accessible Design (28 CFR, part 36). Consult code requirements for proper placement within rooms. Compliance is subject to the interpretation and requirements of the local code authority.

Options include these:

- A faucet with a wrist-blade water controls, infrared water controls, or gooseneck spout with foot pedal water controls
- Modified cabinet construction, including squared ends for corner installation
- Corian® countertops, with or without an integral Corian® sink
- Utility connections and drain
- Utility mixing valve with temperature gauge

1. Corian® is a registered trademark of E. I. du Pont de Nemours and Company.



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KEITH W. COOLEY  
DIRECTOR

June 16, 2008

**DOCUMENT #08-50**

TO: Members of the Construction Code Commission  
FROM: Robert G. Konyndyk, Chief, Plumbing Division *R. Konyndyk*  
SUBJECT: Product Approval Request for Kohler Co., Personal Hygiene Toilet Seats

The applicant has requested a certificate to clarify the acceptance of products for products which have not had conformance standards developed.

**APPLICANT REPRESENTATIVE:**

Mr. Daniel Bartz

**APPLICANT:**

Kohler Company  
444 Highland Drive, Bldg. #83, M.S. 073  
Kohler, Wisconsin 53044

**AUTHORITY:**

Section 21 of Act 230, 1972 being section 125.1521 of the Michigan Compiled Laws.

**PRODUCTS:**

Kohler Co., Personal Hygiene Toilet Seats, named C<sup>3</sup>™ - 200, Model K-4709 and C<sup>3</sup>™ - 100, Model K-4711.

**APPLICATION:**

The water closet seats are installed in private residences to take the place of a bidet fixture.

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**APPLICABLE CODE SECTION:**

Section 408.3 Bidet water temperature – 110 degree limit  
Section 608 Protection of Potable Water Supply

**LABORATORY TEST:**

CSA- Canadian Standards Association, Project 1799516, 19 June 2006  
For conformance to ASME A112.19.19

**AGENCY APPROVALS:**

CSA- Canadian Standards Association

IAPMO- International Association of Plumbing and Mechanical Officials

**CONDITIONS OF USE AND INSTALLATION:**

1. All requirements of the Michigan Plumbing Code shall be applicable.
2. Shall be installed in accordance with manufacturer's installation instructions.

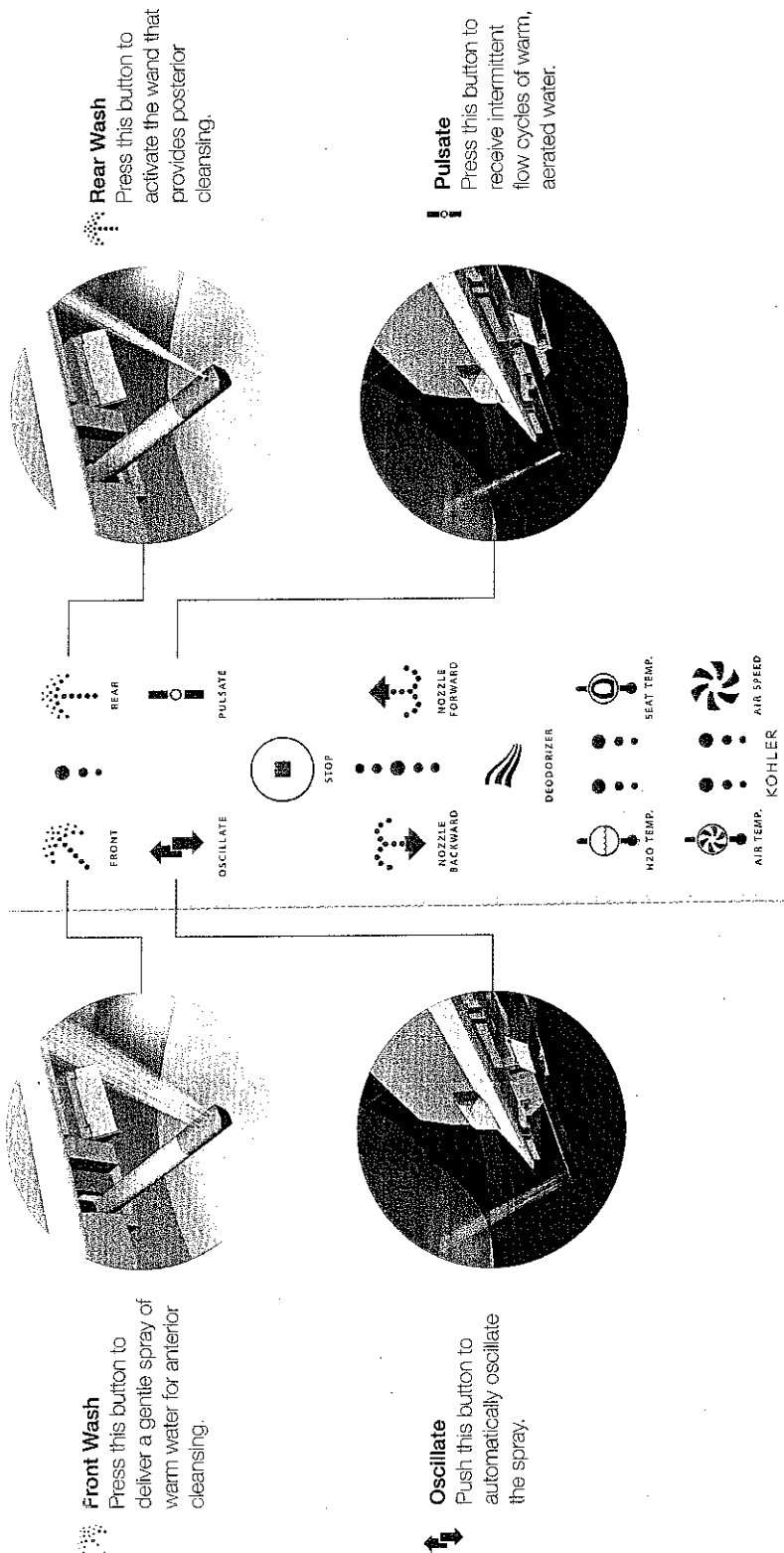
**RECOMMENDATION:**

The Michigan State Plumbing Board recommended the product to the commission for approval at their June 3, 2008 board meeting.

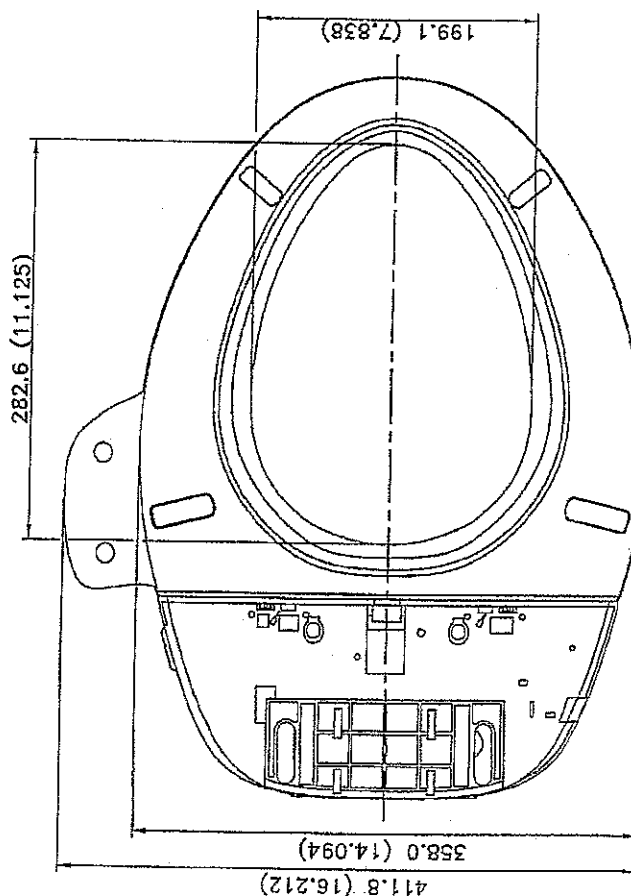
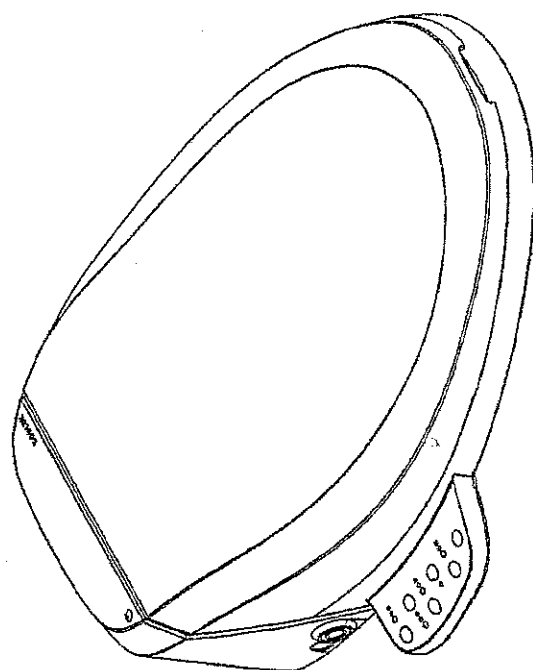
RGK/mkr


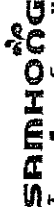

# Hydro-cleansing at your fingertips.

With the simple touch of a button, you can activate the following features of your C<sup>3</sup>™ toilet seat:



- Stop**  
At any given time, press this button to deactivate performance features.
- Nozzle Backward**  
This button allows you to move both hydro-cleansing wands backward.
- Nozzle Forward**  
This button enables you to move both hydro-cleansing wands forward.
- Deodorizer**  
Press this button to eliminate odors by drawing air through a built-in filter.
- H<sub>2</sub>O Temp**  
Press this button to adjust the water temperature to your desired warmth.
- Seat Temp**  
Press this button to increase or decrease the heated seat temperature.
- Air Temp**  
Press this button to adjust the warm air temperature that initiates partial drying.
- Air Speed**  
Press this button to increase or decrease the speed of the warm air feature.

[illegible][illegible]

|                                                                                                                                                                                                                                                                                                                           |                                                                                     |                                                                                           |        |      |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------|------|---------|
| SEAT                                                                                                                                                                                                                                                                                                                      | Polypropylene                                                                       | GRADE : V-462F / COLOR : WHITE<br>Hanam Petrochemical Corporation.<br>(www.hpc.co.kr/eng) |        |      |         |
| COVER SEAT                                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                           |        |      |         |
| HOUSING                                                                                                                                                                                                                                                                                                                   |                                                                                     |                                                                                           |        |      |         |
| BASE                                                                                                                                                                                                                                                                                                                      | ABS                                                                                 | GRADE : AF-345 / COLOR : WHITE<br>LG Chem, Ltd (www.lgchem.com)                           |        |      |         |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                                           |        |      |         |
| DATE                                                                                                                                                                                                                                                                                                                      | Rev No                                                                              | REVISION                                                                                  | RECORD | DS   | CH AP   |
|  <p>1. Property of SAMHONGTECH CO., LTD .<br/>This Drawing must not be reproduced or disclosed to Third parties without the prior consent of SAMHONGTECH CO., LTD.<br/>ALL RIGHT RESERVED</p> <p>2. Dimensions are in millimeters.</p> |                                                                                     |                                                                                           |        |      |         |
|                                                                                                                                                                                                                                        | MATERIAL                                                                            | PP / ABS                                                                                  | WET.   | EST  |         |
| MODEL                                                                                                                                                                                                                                                                                                                     | DWG                                                                                 | DATE                                                                                      | SCALE  | DSGN | CHK APR |
| GOOD                                                                                                                                                                                                                                                                                                                      | 2005.10.14                                                                          | 1 : 5                                                                                     | ???    |      |         |
| NAME                                                                                                                                                                                                                                                                                                                      | ASSY BIDET SEAT                                                                     |                                                                                           |        |      |         |
| DRAWING NO                                                                                                                                                                                                                                                                                                                | -                                                                                   |                                                                                           | SIZE   |      | A4      |

151954-1806260  
FIG. 3



The American Society of  
Mechanical Engineers

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A N A M E R I C A N I N T E R N A T I O N A L C O D E S & S T A N D A R D S  
K O H L E R , W I

# WATER CLOSET PERSONAL HYGIENE DEVICES

USA  
ILLINOIS 60061  
71  
25071  
DIR/NEGRO

ASME A112.4.2-2003





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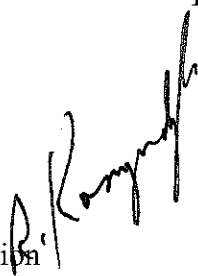
STATE OF MICHIGAN  
DEPARTMENT OF LABOR & ECONOMIC GROWTH  
LANSING

KEITH W. COOLEY  
DIRECTOR

DOCUMENT #08-57

June 23, 2008

TO: Construction Code Commission

FROM: Robert G. Konyndyk, Chief, Plumbing Division 

SUBJECT: Request for Interpretation from Tim Haggart

Question: Requesting whether licensing, permits, and inspections are required for subsoil drainage piping installations per Section 106 of the Michigan Plumbing Code.

Statutes and Code:

The correspondence referenced the Michigan Plumbing Code (MPC) Sections; 1111, Subsoil Drains; 1112, Building Subdrains; 106.4, By whom applications is made (permits); and the State Plumbing Act, 2002 PA 733, (Act 733) Sections 15 and 31.

The plumbing laws and codes have recognized subsoil piping systems as plumbing for many years. Act 733 in Section 15 details that plumbing shall be installed by licensed plumbers and a permit shall be obtained by a licensed plumbing contractor. The act defines plumbing as including storm drainage in Section 9 and the MPC in Chapter 2 includes subsurface water into storm drainage systems. The MPC in Chapter 11, Storm Drainage identifies the acceptable materials and discharge connection concerns. Further, the plumbing permit applications identify subsoil drains under VIII. Fee Chart, item 6.

The Michigan Building Code (MBC), Section 1807.4.1, Foundation drain details the method of installation and the exception clarifies that subsoil systems are dependent upon the site soil conditions. Section 1807.4.3 requires the drain discharge shall conform to the plumbing code. The Michigan Residential Code, Section R405.1 provides for the installation of foundation drainage systems around concrete and masonry foundations enclosing habitable space and below grade. This section outlines under certain limitations the installation procedures based on the site soil conditions.

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Question 1: Are permits and inspections required for subsoil drain installations in structures other than one- and two-family dwellings addressed by the Michigan Residential Code?

Answer 1: Yes

Discussion 1: The Michigan Plumbing Code, Section 106.4, by whom application is made requires a permit for the work by a plumbing contractor licensed in accordance with 2002 PA 733.

Question 2: Is a license required for the installation of subsoil drain systems?

Answer 2: Yes

Discussion 2: The State Plumbing Act, 2002 PA 733, Sections 15 and 31. Section 15(1) states:

“A person shall not engage in or work at the business of a plumbing contractor, master plumber, journey plumber, or apprentice plumber unless licensed or registered by the department. Except as provided in subsections (2), (3), (4), and (5), plumbing shall be performed by a licensed master or journey plumber.”

Section 15(5) states:

“This act does not prevent a person from performing any activities within the scope of licensure or registration under any other licensure or registration act or applicable codes for that licensed or registered professional adopted pursuant to law.”

This matter will be referred to the Michigan State Plumbing Board for further discussion as they have the licensing authority in this matter. Additional information will be gathered for them as the applicable codes for that license may be the Michigan Occupational Code, Licensed Residential Builders statute.

RGK/mkr

Mr. Robert Konyndyke  
Plumbing Division  
2501 Woodlake Circle  
Okemos, MI 48864

04-22-08

Mr. Konyndyke

Section 1111, SUBSOIL DRAINS and Section 1112 BUILDING SUBDRAINS of the 2006 Michigan Plumbing Code refer to materials and methods for installing Subsoil Drains and Building Subdrains.

Neither Subsoil Drains nor Building Subdrains are in the exceptions in Section 106.4 of the Michigan Plumbing Code, or in Section 338.3525 Plumbing; license required; exceptions, of The State Plumbing Act, PA 733 of 2002.

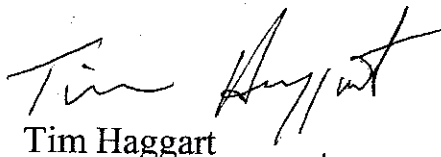
Some governmental subdivisions are requiring permits and inspections of these systems per Section 106 of the Michigan Plumbing Code and others are not.

Under The State Plumbing Act, Section 338.3551 Plumbing permits; issuance by state or governmental subdivision.  
Sec. 41.

(1) A governmental subdivision may not exempt itself from the licensing requirements of this act and may not engage in or require local licensing.

I am asking for an interpretation of the 2006 Michigan Plumbing Code Section 1111, SUBSOIL DRAINS and Section 1112 BUILDING SUBDRAINS and whether Licensing, Permits and Inspections are required.

Thank you,



Tim Haggart  
5405 S. MLK Blvd.  
Lansing, MI 48911

License No. 8213817